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United States Cotton Quality Report For Ginnings Prior To September 1, 1971

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Upland cotton ginned in the United States prior to September 1 this season contained a record-low proportion of Middling and higher White grades, according to the Department of Agriculture, Consumer and Marketing Service. Twelve percent of this season's early ginnings was in these higher White grades. Cotton stapling shorter than one inch comprised the smallest proportion of ginnings through August 31 on record. The decrease in these shorter lengths was accompanied by rather substantial increases in the percentages of cotton stapling one inch and 1-1/32". Micronaire test results indicate that cotton in the 3.5-4.9 premium mike range accounted for 84 percent of this season's early ginnings, the same as a year ago. Fiber strength averaged 85,000 pounds per square inch compared with 87,000 pounds last season.

Middling and higher White grades accounted for 12 percent of upland ginnings prior to September 1. This is the smallest proportion of these grades in ginnings for any like period on record and compares with 14 percent last season. The White grades below Middling comprised 60 percent of total ginnings against 58 percent a year ago. The Light Spotted and other Colored grades were equivalent to 28 percent of ginnings through the end of August, the same percentage as a year ago. The grade index of upland cotton ginned prior to September 1 this season was 90.1 (Middling White=100), the lowest grade index for any comparable period on record.

Cotton stapling 31/32" and shorter comprised five percent of upland ginnings prior to September 1 this season, the smallest proportion on record. Thirty-seven percent of total ginnings through August 31 was in the two lengths one inch and 1-1/32" compared with 24 percent to the same date last season. The staples 1-1/16" and longer were equivalent to 58 percent of ginnings prior to September 1 against 66 percent a year ago. The average staple was 33.4 thirty-seconds inches, the same as a year earlier.

Cotton ginned prior to September 1 this season totaled 365,100 bales, according to the Bureau of the Census. This compares with 280,000 bales ginned to the same date last season. Ginnings through August 31 this season were equivalent to three percent of the indicated 1971 crop, the same percentage as a year earlier. Texas ginnings accounted for practically all of this season's early ginnings.

Table 1. Specified measures of quality for upland ginnings 1/

Item	August 1-31		Season through August 31		Supply to September 1	
	1970	1971	1970	1971	1970	1971
Grade index (Mid. White=100)	91.6	88.0	91.6	90.1	93.3	94.1
Average staple, 32nd inch	33.4	33.5	33.4	33.4	34.0	34.1
Rough preparation, percent	0.1	*	0.1	*	-	-
Tenderable, percent 2/	61.6	48.2	61.9	57.2	-	-
Average mike reading	4.5	4.5	4.5	4.6	-	-
Average fiber strength (Mpsi)	87.2	84.8	87.2	85.0	-	-

1/ Data for current season are preliminary.

2/ Tenderable for grade and staple in settlement of futures contracts.

* Less than 0.05 percent.

Table 2. Upland cotton in the United States, ginnings and supply, by grade 1/

Grade	Code	August 1-31			Season through August 31			Supply to September 1			Change in Supply		
		1971		Pct.	1971		Pct.	1971		Pct.	1971 from 1970	Pct.	
		Bales			Bales			bales					bales
<u>White</u>													
G.M.	(11)	23	-	*	-	*	-	1	1	*	0	-	
S.M.	(21)	765	154	0.3	0.1	1,006	753	105	87	1.8	-18	-17.1	
M.+	(30)	-	-	-	-	-	-	53	32	0.9	-21	-39.6	
M.	(31)	36,188	19,020	13.2	7.8	37,116	43,982	1,111	880	18.8	-231	-20.8	
S.L.M.+	(40)	1,698	1,050	0.6	0.4	1,720	2,287	363	385	6.1	+22	+6.1	
S.L.M.	(41)	103,324	70,110	37.8	28.8	106,080	136,993	1,723	1,215	29.0	-508	-29.5	
L.M.+	(50)	4,492	1,410	1.6	0.6	4,492	3,034	229	218	3.9	-11	-4.8	
L.M.	(51)	44,700	50,401	16.3	20.8	45,282	58,329	472	292	8.0	-180	-38.1	
S.G.O.+	(60)	224	216	0.1	0.1	224	216	16	8	0.3	-8	-50.0	
S.G.O.	(61)	4,202	14,726	1.5	6.1	4,202	14,803	65	56	1.1	-9	-13.8	
G.O.+	(70)	-	-	-	-	-	-	1	**	*	-1	-100.0	
G.O.	(71)	153	2,161	0.1	0.9	153	2,161	9	5	0.2	-4	-44.4	
<u>Light Spotted</u>													
G.M.	(12)	-	-	-	-	-	-	**	**	*	0	-	
S.M.	(22)	133	31	*	*	155	128	66	76	1.1	+10	+15.2	
M.	(32)	21,225	8,265	7.8	3.4	21,569	16,193	597	608	10.1	+11	+1.8	
S.L.M.	(42)	37,597	35,864	13.7	14.8	38,372	45,628	697	421	11.8	-276	-39.6	
L.M.	(52)	15,101	26,129	5.5	10.8	15,364	26,593	172	86	2.9	+86	+50.0	
<u>Spotted</u>													
G.M.	(13)	-	-	-	-	-	-	-	**	-	0	-	
S.M.	(23)	88	21	*	0.1	412	308	9	22	0.2	+13	+144.4	
M.	(33)	390	134	0.1	0.5	1,574	1,368	36	63	0.6	+27	+75.0	
S.L.M.	(43)	1,530	1,194	0.6	0.4	1,574	1,368	76	35	1.3	-41	-53.9	
L.M.	(53)	960	3,108	0.4	1.3	982	3,224	26	14	0.4	-12	-46.2	
Tinged 2/ (14-54)		12	72	*	*	12	72	38	14	0.6	-24	-63.2	
Stained 2/ (15-35)		-	-	-	-	-	-	5	1	0.1	-4	-80.0	
<u>Light Gray</u>													
G.M.	(16)	-	-	-	-	-	-	-	-	-	-	-	
S.M.	(26)	-	-	-	-	-	-	1	1	*	0	-	
M.	(36)	212	926	0.1	0.4	212	1,371	15	12	0.3	-3	-20.0	
S.L.M.	(46)	246	1,863	0.1	0.8	246	1,863	1	3	*	+2	+200.0	
<u>Gray</u>													
G.M.	(17)	-	-	-	-	-	-	-	-	-	-	-	
S.M.	(27)	-	-	-	-	-	-	-	-	-	-	-	
M.	(37)	12	113	*	*	12	113	**	**	*	0	-	
S.L.M.	(47)	12	144	*	0.1	12	144	**	**	*	0	-	
Below Grade 3/		563	5,413	0.2	2.2	563	5,452	28	14	0.5	-14	-50.0	
All grades		273,850	242,525	100.0	100.0	279,871	365,055	5,915	4,549	100.0	-1,366	-23.1	

1/ Data for current season are preliminary.

2/ Includes all grades.

3/ Bales that are lower in grade than the lowest official standard for the corresponding color group.

* Less than 0.05 percent. ** Less than 500 bales.

Table 3. Upland cotton in the United States, ginnings and supply, by staple 1/

Staple Code (32nd inches)	August 1-31			Season through August 31			Supply to September 1			Change in Supply	
	1970	1971	Pct.	1970	1971	Pct.	1970	1971	Pct.	1971 from 1970	1,000 bales
26 and shorter	Bales	Bales	Pct.	Bales	Bales	Pct.	1,000 bales	1,000 bales	Pct.		
28	1,206	134	0.4	1,206	134	0.4	16	9	0.3	0.2	-2
29	6,853	1,544	2.5	6,853	1,640	2.4	51	37	0.9	0.8	-7
30	13,431	6,844	4.9	13,481	7,869	4.8	169	171	2.9	3.8	-14
31	6,026	6,000	2.2	6,041	8,975	2.2	119	89	2.0	2.0	+2
32	12,149	9,499	4.4	12,452	30,440	4.4	269	203	4.5	4.5	-30
33	53,148	48,352	19.4	54,273	105,802	19.4	799	429	13.5	9.4	-66
34	169,829	165,523	62.1	173,435	204,812	62.1	2,511	1,671	42.4	36.7	-370
35	10,386	4,557	3.8	11,308	5,311	4.0	1,415	1,507	23.9	33.1	-840
36	161	72	0.1	161	72	0.1	359	306	6.1	6.7	+92
37	-	-	-	-	-	-	172	104	2.9	2.3	-53
38	307	-	0.1	307	-	0.1	29	17	0.5	0.4	-68
39	-	-	-	-	-	-	**	1	*	*	-12
40 and longer	354	-	0.1	354	-	0.1	4	5	0.1	0.1	+1
All staples	273,850	242,525	100.0	279,871	365,055	100.0	5,915	4,549	100.0	100.0	+1
											-1,366
											-23.1

1/ Data for current season are preliminary.

* Less than 0.05 percent.

** Less than 500 bales.

Table 4. Percentage of ginnings reduced in grade, by specified causes, prior to September 1, 1971 with 1970 comparisons, by states 1/

State	Grade reductions						Total reductions			
	Grass		Bark		Other causes		1970		1971	
	1970	Pct.	1971	Pct.	1970	Pct.	1970	Pct.	1970	Pct.
Alabama	3.7	3.7	-	-	-	-	3.7	3.7	-	-
Texas	4.5	4.5	6.4	1.4	0.5	0.5	5.9	5.9	6.9	6.9
United States	4.5	4.5	6.4	1.4	0.5	0.5	5.9	5.9	6.9	6.9

1/ Data for current season are preliminary.

* Less than 0.05 percent.

Table 5. Percentage distribution of the grade of upland cotton ginned prior to September 1, 1971 with 1970 comparisons, by states 1/

State	White														Light Spotted						Other Colored		Below Grade		Grade index 2/		
	SM (21) & higher	M+ (30)	M (31)	SLM+ (40)	SLM (41)	LM+ (50)	LM (51)	SGO+ (60) & lower	SM (22) & higher		M (32)		SLM (42)		LM (52)	Other Colored	Below Grade	Grade index 2/									
									1970	1971	Pct.	Pct.	1970	1971					Pct.	Pct.	1970	1971	Pct.	Pct.			
																									1970	1971	Pct.
	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.									
S. C.	-	-	-	-	30.0	-	-	-	-	-	-	-	10.1	-	-	-	-	97.1	-								
Ga.	-	-	-	-	51.3	-	-	-	-	-	9.2	-	15.1	-	-	-	-	95.0	-								
Fla.	-	-	-	-	33.3	-	-	-	-	-	16.7	-	-	-	-	-	-	97.5	-								
Ala.	1.5	-	-	-	32.1	-	3.5	-	-	-	7.0	-	20.9	-	3.5	-	-	94.4	-								
Miss.	-	-	-	-	35.0	-	-	-	-	-	-	-	32.5	-	-	-	-	94.3	-								
La.	-	-	-	-	56.7	-	-	-	-	-	-	-	9.4	-	-	-	-	95.6	-								
Tex.	0.4	0.2	-	0.6	37.9	37.6	1.6	0.8	16.3	16.0	1.7	4.8	0.1	*	7.7	4.4	13.7	12.5	5.5	7.3	1.3	2.3	0.2	1.5	91.6	90.1	
Ariz.	7.5	-	-	-	39.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	97.8	-	
Other	-	-	-	-	-	54.1	-	-	-	14.7	-	-	-	0.9	-	-	-	-	-	-	-	-	-	-	-	94.5	-
U.S.	0.4	0.2	-	0.6	37.7	37.6	1.6	0.8	16.2	16.0	1.7	4.8	0.1	*	7.7	4.4	13.7	12.5	5.5	7.3	1.3	2.3	0.2	1.5	91.6	90.1	

1/ Data for current season are preliminary.

2/ Middling White equals 100.

* Less than 0.05 percent.

Table 6. Percentage distribution of the staple of upland cotton ginned prior to September 1, 1971 with 1970 comparisons, and total ginnings, by states 1/

State	Staple Code (32nd inches)																								Average staple 2/				Total upland ginnings			
	28 and shorter		29		30		31		32		33		34		35		36		37		38 and longer		Average staple 2/		Total upland ginnings							
	1970	1971	1970	1971	1970	1971	1970	1971	1970	1971	1970	1971	1970	1971	1970	1971	1970	1971	1970	1971	1970	1971	1970	1971	1970	1971						
	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Bales	Bales	Bales	Bales						
S. C.	-	-	-	-	-	-	-	-	-	-	-	-	20.0	-	80.0	-	-	-	-	-	-	34.8	-	476	-	-						
Ga.	-	-	-	-	-	-	-	-	-	-	51.2	-	48.8	-	-	-	-	-	-	-	-	33.5	-	590	-	-						
Fla.	-	-	-	-	-	-	-	-	16.7	-	16.7	-	66.6	-	-	-	-	-	-	-	-	33.5	-	120	-	-						
Ala.	-	-	-	-	-	-	-	-	0.6	-	23.0	-	68.8	-	7.6	-	-	-	-	-	-	33.8	-	805	-	-						
Miss.	-	-	-	-	-	-	-	-	-	-	32.5	-	35.0	-	32.5	-	-	-	-	-	-	34.0	-	120	-	-						
La.	-	-	-	-	-	-	-	-	-	-	10.3	-	74.5	-	15.2	-	-	-	-	-	-	34.0	-	330	-	-						
Tex.	0.4	*	2.5	0.4	4.9	2.2	2.2	2.5	4.5	8.3	19.4	29.0	61.9	56.1	3.9	1.5	0.1	*	-	-	0.2	33.4	33.4	277,377	364,946	-						
Ariz.	-	-	-	-	-	-	-	-	-	-	3.8	-	90.5	-	5.7	-	-	-	-	-	-	34.0	-	53	-	-						
Other	-	-	-	-	-	-	-	-	-	-	-	22.9	-	59.7	-	17.4	-	-	-	-	-	33.9	-	-	109	-						
U. S.	0.4	*	2.4	0.4	4.8	2.2	2.2	2.5	4.4	8.3	19.4	29.0	62.1	56.1	4.0	1.5	0.1	*	-	-	0.2	33.4	33.4	279,871	365,055	-						

1/ Data for current season are preliminary.

2/ Expressed in thirty-seconds of an inch.

* Less than 0.05 percent.

Table 7. Percentage distribution of micronaire readings for upland ginnings prior to September 1, 1971 with 1970 comparisons, by states 1/

State	2.6 and below		2.7-2.9		3.0-3.2		3.3-3.4		3.5-3.9		4.0-4.4		4.5-4.9		5.0-5.2		5.3 and above		Totals						Average mike		
	1970 1971		1970 1971		1970 1971		1970 1971		1970 1971		1970 1971		1970 1971		1970 1971		1970 1971		Below 3.5		3.5-4.9		5.0 and above		Rdg.	Rdg.	
	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.			Pct.
S. C.	-	-	-	-	-	-	-	-	-	-	40.2	-	49.7	-	10.1	-	-	-	-	-	-	89.9	-	10.1	-	4.5	-
Ga.	-	-	-	-	-	-	9.2	-	-	-	48.6	-	25.6	-	9.0	-	7.6	-	9.2	-	74.2	-	16.6	-	4.5	-	
Fla.	-	-	-	-	-	-	-	-	-	-	33.4	-	49.9	-	16.7	-	-	-	-	-	83.3	-	16.7	-	4.6	-	
Ala.	-	-	-	-	-	-	-	-	-	-	18.0	-	64.5	-	14.0	-	3.5	-	-	-	82.5	-	17.5	-	4.7	-	
Miss.	-	-	-	-	-	-	-	-	-	-	35.0	-	32.5	-	32.5	-	-	-	-	-	67.5	-	32.5	-	4.7	-	
La.	-	-	-	-	-	-	-	-	-	-	33.0	-	57.0	-	9.7	-	0.3	-	-	-	90.0	-	10.0	-	4.6	-	
Tex.	*	0.2	0.2	0.8	0.7	1.1	0.7	9.6	5.6	31.6	28.2	43.0	49.8	10.9	12.6	2.8	2.2	2.1	1.6	84.2	83.6	13.7	14.8	4.5	4.6		
Ariz.	-	-	-	-	-	-	-	-	-	-	86.8	-	13.2	-	-	-	-	-	-	-	100.0	-	-	-	4.4	-	
Other	-	-	-	-	-	-	-	-	-	6.4	-	68.8	-	24.8	-	-	-	-	-	-	-	100.0	-	-	-	4.3	
U. S.	*	0.2	0.2	0.8	0.7	1.1	0.7	9.4	5.6	31.7	28.2	43.1	49.8	10.9	12.6	2.8	2.2	2.1	1.6	84.2	83.6	13.7	14.8	4.5	4.6		

1/ Data for current season are preliminary.

* Less than 0.05 percent.

Table 8. Percentage distribution of fiber strength for upland cotton ginnings, prior to September 1, 1971 with 1970 comparisons, by states 1/

State	Zero Gage Fiber Strength (Mpsi)																Average strength			
	64 & below		65-69		70-74		75-79		80-84		85-89		90-94		95-99		100 & above		1970	1971
	1970	1971	1970	1971	1970	1971	1970	1971	1970	1971	1970	1971	1970	1971	1970	1971	1970	1971		
	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Mpsi	Mpsi
Tex.	-	-	-	-	0.7	0.3	5.9	11.3	21.6	37.0	38.3	33.8	26.2	14.9	7.0	2.4	0.3	0.3	87.2	85.0
U. S.	-	-	-	-	0.7	0.3	5.9	11.3	21.6	37.0	38.3	33.8	26.2	14.9	7.0	2.4	0.3	0.3	87.2	85.0
1/ Data for current season are preliminary.																				

1/ Data for current season are preliminary.

